

20010218.qrp v02_n102.qrl.20010218

Date: Sun, 18 Feb 2001 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2102

QRP-L Digest 2102

Topics covered in this issue include:

- 1) [91955] CONTEST: CFM
by "John J. McDonough" <wb8rcr@arrl.net>
- 2) [91956] Re: [ANT] Inverted VEE question
by "Bob Tellefsen" <n6wg@earthlink.net>
- 3) [91957] Re: CONTEST: CFM
by "George, W5YR" <w5yr@att.net>
- 4) [91958] QRP DXpedition Report
by Richard Clem <clem.law@usa.net>
- 5) [91959] DX Contest on 80M
by "Pastor-KC1DI" <elbc@pivot.net>
- 6) [91960] Re: Just read the QST review of the K2
by Bill Stietenroth <k5zty@juno.com>
- 7) [91961] Re: DX Contest on 80M
by "Karl F. Larsen" <k5di@zianet.com>
- 8) [91962] Re: Q Dope
by "Gordon Cougar" <gcouger@couger.com>
- 9) [91963] Re: ARRL DX CONTEST
by "John J. McDonough" <wb8rcr@arrl.net>
- 10) [91964] 20 Metres HOT for DX Contest
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 11) [91965] FS:Harvey Wells Z-Match Tuner
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 12) [91966] ARRL DX Contest
by Larry S Cahoon <wd3p@juno.com>
- 13) [91967] HB: RF Probe for Surface-Mount
by Monty N5FC <n5fc@io.com>
- 14) [91968] Updated sale list on <http://home.earthlink.net/~kheimbach/>
by Karl Heimbach <kheimbach@earthlink.net>
- 15) [91969] 40 Meter DX Great too!
by ABCQRP <w6abc@yahoo.com>
- 16) [91970] Need small black "CAL SET" knob for HQ-110 Hammurand Receiver
by H Weinstein <k3hw@yahoo.com>
- 17) [91971] WB9MII Contest Results so far
by WB9MII@aol.com
- 18) [91972] Re: WB9MII Contest Results so far
by Dave Sjolin <sjolin@swbell.net>
- 19) [91973] Yes, Virginia - you can work DX on 40/80 with a low horizontal

antenna!

- by John Harper AE5X <ae5x@qsl.net>
- 20) [91974] DX Contest is Great!
by "Karl F. Larsen" <k5di@zianet.com>
- 21) [91975] QDOPE-TNX
by WY1W@aol.com
- 22) [91976] FS:SIERRA DL PA
by WY1W@aol.com
- 23) [91977] fs mfj 20m xcvr
by paul taylor <ptay1@bestweb.net>
- 24) [91978] MFJ-9020
by "Dennis Berry" <dennisberry@worldnet.att.net>
- 25) [91979] LY5A/QRP calling CQ contest on 28.128.8 at 1352Z
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 26) [91980] Re: HB: Antenna Switch
by Bruce Muscolino <w6toy@erols.com>
- 27) [91981] Re: WB9MII Contest Results so far
by Bill ROWLETT <kc4atu@yahoo.com>
- 28) [91982] Re: 40 Meter DX Great too!
by "Brian Murrey" <bmurrey@amexol.net>
- 29) [91983] Fiberglass Enclosures?
by "Mark Fancher" <mmfancher@earthlink.net>
- 30) [91984] Re: HB: RF Probe for Surface-Mount
by Rick Sealey <rsealey@northstate.net>
- 31) [91985] RE: Astron RS-12A Manual or Schematic??
by "AI2Q Alex" <ai2q@adelphia.net>
- 32) [91986] DX Test de KB1ENS
by John Wagner <john@neknetwork.com>
- 33) [91987] Re: WB9MII Contest Results so far
by "John J. McDonough" <wb8rcr@arrl.net>
- 34) [91988] 15m DX Test this morning
by "Brian Murrey" <bmurrey@amexol.net>
- 35) [91989] FT-817 Measurements as well as Cheap and Easy Yagis
by "James R. Duffey" <jamesd1@flash.net>
- 36) [91990] Final KK6MC/5 FOX Log
by "James R. Duffey" <jamesd1@flash.net>
- 37) [91991] RE: HB: Antenna Switch
by Nick Kennedy <nkennedy@tcainternet.com>
- 38) [91992] SMK-1 help with Tx
by "Brian Olson" <brolson@ties.k12.mn.us>
- 39) [91993] Wanted: QRP Wattmeter
by "James Parsons" <res075cz@gte.net>
- 40) [91994] RE: HB: Antenna Switch
by "AI2Q Alex" <ai2q@adelphia.net>
- 41) [91995] Re: Anti-Skid Material for Key
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 42) [91996] SSB @ 10.101MHz !?!
by "Rod Cerkoney" <n0rc@hotmail.com>

- 43) [91997] Re: WB9MII Contest Results so far
by "Alex Turner" <aturner13@triad.rr.com>
- 44) [91998] Re: Yes, Virginia - you can work DX on 40/80 with a low horizontal antenna!
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 45) [91999] Re: SSB @ 10.101MHz !?!
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 46) [92000] Astron RS-12 A Schematic
by "Jim Pruitt" <wa7duy@eburg.com>
- 47) [92001] Re: WB9MII Contest Results so far
by Dave Sjolin <sjolin@swbell.net>
- 48) [92002] Re:SSB @ 10.101 MHZ
by AL7JK John Raynsford <AL7JK@gci.net>
- 49) [92003] Re: SMK-1 help with Tx
by "Karl F. Larsen" <k5di@zianet.com>
- 50) [92004] Re: HB: Antenna Switch
by "Steve and Anne Ray" <sbralr@worldnet.att.net>
- 51) [92005] RE: NC40A Birdie
by Larry East <w1hue@amsat.org>
- 52) [92006] Re: Fiberglass Enclosures?
by "Steven Weber" <kd1jv@moose.ncia.net>
- 53) [92007] Re: Yes, Virginia - you can work DX on 40/80 with a low horizontal
by wa4dou@excite.com
- 54) [92008] Re 30 meter SSB
by Pete Burbank <plburbank@kih.net>
- 55) [92009] FS: 245 CW audio filter for Ten-Tec Triton
by Dave Redfearn <n4elm@home.com>
- 56) [92010] Contest Question
by "Mark Fancher" <mmfancher@earthlink.net>
- 57) [92011] Opp'ing on EPS?
by "TC Dufresne" <tdufres@radiks.net>
- 58) [92012] Rig # 1-Selling(Ten-Tec C21
by "Steve Hanson" <ke1lg@qsilver.net>
- 59) [92013] Re: Contest Question
by Dave Sjolin <sjolin@swbell.net>
- 60) [92014] Re: Opp'ing on EPS?
by "ZOOM" <kandrparker@sympatico.ca>
- 61) [92015] Re: Fiberglass Enclosures?
by "Alex Turner" <aturner13@triad.rr.com>
- 62) [92016] MFJ 9020 Schematics?
by MIKE SOUHRADA <wb9iog@revealed.net>
- 63) [92017] Rig # 2-TT 580 Delta
by "Steve Hanson" <ke1lg@qsilver.net>
- 64) [92018] Re: SSB @ 10.101MHz !?!
by William R Colbert <w5xe@juno.com>
- 65) [92019] RE: Contest Question
by Nick Kennedy <nkennedy@tcainternet.com>
- 66) [92020] Re: Contest Question

by "John J. McDonough" <wb8rcr@arrl.net>
67) [92021] Re: HB: Antenna Switch
by Bruce Muscolino <w6toy@erols.com>
68) [92022] Power meter
by "James Parsons" <res075cz@gte.net>
69) [92023] Newbie PSK-31 Question
by wb2vuo@juno.com
70) [92024] 245 filter for Triton - Sold
by Dave Redfearn <n4elm@home.com>

Date: Sat, 17 Feb 2001 19:07:10 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91955] CONTEST: CFM
Message-ID: <04d601c0993e\$bf101c20\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

What's this CFM that's sent a lot?

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 17 Feb 2001 16:16:25 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [91956] Re: [ANT] Inverted VEE question
Message-ID: <001c01c09940\$0846fac0\$9ed9fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hans

You didn't mention the band (or bands) on which you expect to use the inverted vee.

I'll assume 40m. The effective radiating height of an inverted vee is somewhat less than the apex height, roughly somewhere between the apex height and the end point heights.

On 40m, that puts the center of radiation at or below a quarter wave above ground. The direction of radiation will be mainly straight up. This makes an excellent antenna for NVIS (near vertical incidence) propagation. Also, the antenna will have very little directionality at this frequency and height, radiating pretty much equally in all directions around you.

As you go up in frequency, the effective height above ground in wavelengths increases, and your takeoff angle comes down from the vertical. The antenna also becomes more directional. However, as the antenna becomes longer in wavelengths, it picks up multiple lobes so you will have modest gain in some directions and nulls in others.

If you make the antenna shorter, say for 20m, it will be higher in wavelength terms, and thus more able to be directional like a normal dipole.

An antenna modeling program would help you see these effects. You can download some demo programs such as EZNEC 3.0 that are sufficient to show these effects. It might be worth your while to do this.

Or, you can do things in the true ham tradition. Just put up what you have and see what happens. Tinkering with antennas is one of the many fun aspects of ham radio.

Good luck and 73,
Bob N6WG

Date: Sat, 17 Feb 2001 18:23:03 -0600
From: "George, W5YR" <w5yr@att.net>
To: wb8rcr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91957] Re: CONTEST: CFM
Message-ID: <3A8F15E7.906466F6@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Confirm"

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"John J. McDonough" wrote:

>

> What's this CFM that's sent a lot?

Date: 17 Feb 2001 18:25:22 CST
From: Richard Clem <clem.law@usa.net>
To: qrp-1@Lehigh.EDU
Subject: [91958] QRP DXpedition Report
Message-ID: <20010218002522.12550.qmail@nwcst315.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

I just got back from my short trip to Dusseldorf, Germany. In addition to
doing the normal tourist activities, I got in quite a bit of operating on
CW with my MFJ-9040 QRP rig. The only activity I had to forego during my
trip was sleep, but since it was a very short trip, that seemed to be a good
tradeoff.

My station consisted of the 9040, a dipole (on which each element had an
alligator clip at one end and a banana plug at the other end, to allow for
easy reconfiguration to an end-fed quarter-wave wire with counterpoise), key, =
and headphones. The power supply was a one-amp 110 VAC to 12 VDC supply, al= along
with a 50-watt 220 VAC to 110 VAC transformer.

I had requested a room with a balcony. I reiterated this request at chec= k-in,
and the desk clerk somewhat apologetically told me that the only such roo= ms
were on the top floor. Of course, I assured her that this was not a prob= lem
for me. The balcony turned out to be a common balcony with a number of o= ther
rooms, which proved to be ideal. I wound up running one leg of the dipol= e
along the balcony, and letting the other end simply hang along the edge o=

f the building. (The banana plug provided enough weight to keep the wire reasonably taut, but loose enough so that the wire was an inch or so away from the building at most points.)

The first problem occurred due to the fact that all of the electrical outlets were recessed about 1/2 inch. Since the plug on the 220/110 transformer was mounted directly to the transformer, I was unable to plug it in. I decided to simply acquire another line cord and attach it to the transformer as best I could. Since I guessed that the hotel might not take kindly to my cutting off the cord on one of their lamps, I decided to purchase such a cord. Since I had not seen any hardware stores in the vicinity of the hotel, I decided that my best bet would be to simply purchase the cheapest electrical device I could find and cut off the cord.

The first store I found that had anything electrical turned out to be a supermarket. In addition to the usual groceries, they had a table with various other items, including an \$11 AM-FM radio that ran on both AC and batteries. I bought some groceries (including a few cans of 16 cent beer) and the radio and returned to my hotel.

Back at the hotel, I first plugged in the radio to make sure it worked, and then promptly cut off the cord (after unplugging it, that is). It was a very nice radio, but I reasoned that the 220 volt operation wouldn't do me much good anyway once I got home. (Incidentally, if any members of this list installed a 220 volt outlet in their shacks for a linear, but decided not to get the linear after trying out QRP, please let me know, because I have just the thing for you to plug into that unused outlet!)

I cut and stripped the wire with my nail clipper, firmly twisted the ends onto the plug of the transformer (using a couple of twist ties to keep the wire

es
tight), and covered it with scotch tape. (Kids: Do not try this at home=!) I
plugged in the whole contraption, and the receiver of the 9040 worked jus=
t
fine. However, when I tried to transmit, something was obviously wrong, =
as I
couldn't even hear the sidetone. I double checked the antenna, and nothi=
ng
looked obviously wrong, so I assumed the problem was with the power suppl=
y. =

The 220/110 transformer was allegedly rated at 50 watts, and the power su=
pply
said that it only drew 25, but I suspect that the transformer was the pro=
blem
(it did look a bit on the shoddy side, even compared to my scotch tape
connections). =

Whatever the problem, I did need to acquire a power supply locally. I as=
ked
at the hotel front desk for the name of a shop that sold electronic equip=
ment.

I was given two names, and I set out in a taxi with the current power su=
pply
in hand. (I figured that actually showing the thing to a salesperson wou=
ld be
quite helpful, given the fact that I speak no German.) Both of the names=
I
had been given appeared to be large general department stores, and I prob=
ably
could have found some sort of suitable power supply in their electronic
departments, but the taxi driver was kind enough to recommend another sto=
re,
Conrad Electronic.

This was a very nice and well stocked store, and I found a
knowledgeable-looking salesman near the computer cables. Since the power=

supply for a laptop computer would have worked very well for me, I though=
t
this would be a good part of the store in which to start. After ascertaini=
ng
that he spoke English, I showed him the power supply and told him that I
needed either a 220 VAC to 12 VDC supply, or else a heavier-duty 220 VAC =
to
110 VAC transformer (preferably one with a street-legal plug on it).

He directed me to another part of the store, where I found another very helpful English-speaking salesman. After explaining my problem, he showed me my two options. The first was a very heavy-duty looking 220 VAC to 110 V=AC converter, which I believe he said was rated at 300 watts. From the looks of the thing, I had no doubt that it was good for this rating (unlike my shoddy little "50 watt" transformer). The price, however, was over \$100, so I decided just to get a new power supply.

They had a few of the "wall-wart" variety, with ratings of 1 amp and 1.5 =amp. =

These, however, were very light weight, and the boxes said "switching power supply" in English. They were only about \$10, but they looked awfully small to do the job, and I didn't want to take the chance that they would put out too much RFI. Instead, I decided to get one of the heftier-looking 2 amp=supplies. =

I did explain that I didn't have any soldering iron or other tools with me, so I did want the salesman to help me install the proper plug. (In a pinch, I could have cut the cord off my other power supply using my nail clippers,=but I wanted to avoid doing that unless necessary). =

First, I asked the salesman whether he had a ruler to measure the size of=the existing plug. Of course, I forgot that I was in the land of precision engineering, and one would not use a ruler for such a task. Instead, he reached into a drawer, pulled out a caliper, and did a proper job of measuring the inside and outside diameters of the plug. He disappeared into the back room, and emerged with a plug and cord assembly. He told me the polarity=, but not wanting to take any chances, I did ask to borrow his VOM to double check

it. Power cord installed, I thanked him profusely and went to the check-out counter to pay for the power supply. The total cost was about \$25.

This power supply ran the rig just fine. I was a little concerned that the power cable (about 22 ga.) wouldn't handle the larger currents, so I cut it as short as possible (using the nail clipper, of course), and also ran another wire in parallel with the negative connection. I did notice some 50 Hz hum in my sidetone audio, but I asked one contact about it specifically, and he told me he heard none.

I worked a couple of G's with reports of 449 and 229 before collapsing from exhaustion. I had been up with almost no sleep for about 36 hours, and I did need to take short nap.

I did most of my operating at night (again, in lieu of sleep). I worked a total of 25 QSO's, with about 17 DXCC countries. I haven't plotted them out exactly, but I think my best DX was Moscow, although a couple of EA's and I's might actually be the furthest contacts.

I did try, but wasn't able to hop the pond. My antenna was on the west side of the building, so I did hold out a little hope. I heard a few Caribbean stations getting ready for the ARRL DX contest with very strong signals. I suspect I would have been able to work them, but they were both unfortunately running pileups, and I didn't spend much time trying to break through. I did have one W2 come back to my call with "QRJ TOO WEAK". From the timing, I'm pretty sure that it was my signals that were too weak, but that's the closest I had to a transatlantic QSO.

To me, of course, everything I heard was DX, so I wasn't too reluctant to=

reply to CQ DX. One HA, however, came back with "EU QRM QRZ DX?" with the "DX" sent at about 5 WPM. I guess I was doing OK if my 5 watts was generating complaints of QRM.

I did listen to see if I could copy either of the QRP-L foxhunts. One of those was in the U.S. novice band, and it's unlikely that I would have heard anything, since most of those broadcast signals come from Europe. I did listen Thursday night around 7040, but heard nothing. Also, I did put out a call as announced earlier on about 7040 at 0400 UTC Thursday morning. I didn't hear any replies, but if anyone heard me, an SWL report would be greatly appreciated!

A few of my QSOs were with other QRP stations, and I heard others, so it sounds like there's a fairly big QRP group in Europe as well. 40 meters seems to work about the same in Europe as it does in North America, although it was fun to work G's, F's, and DL's during the day, and the rest of the continent at night. It did seem odd to hear things like "QSL SUR VIA BUR0" by 599 signals. We W's and VE's must have a bit of our own accent, because the general sound of local QSO's sounded like what you hear in the DX bands here. =

For example, the honorific "DR" is almost always used, while I've rarely heard it on domestic QSO's here. (The first time I heard it, I assumed one of the ops was a physician, but it actually stands for "dear").

In general, I had a great time. My advice to anyone planning a European vacation is to definitely bring your QRP rig with you. It won't take up much space in your suitcase, and it will definitely be worth it, even if you only get a chance to operate for a few hours. Licensing is automatic for W's and VE's in most of Europe now, and obtaining a license is very routine in many other countries as well. =

Rick W0IS

Get free email and a permanent address at <http://www.netaddress.com/?N=3D=1>
1

Date: Sat, 17 Feb 2001 20:27:56 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91959] DX Contest on 80M
Message-ID: <000501c0994a\$06884f40\$b710a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi all ,
For those interested in working qrp dx on 80m Just worked UT5UIA AND RU1A
band is wide open from maine Oh by the way was using 3w to a g5rv slopping
dipole . give it a try
72 & 73 Dave Kc1di

Date: Sat, 17 Feb 2001 19:30:15 -0600
From: Bill Stietenroth <k5zty@juno.com>
To: dragonsinger@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [91960] Re: Just read the QST review of the K2
Message-ID: <20010217.202150.-3923913.1.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

If you like to build radio kits, it is the ultimate rig. If you are a
QRP CW op, it is the ultimate rig. If you are mesmerized by hundreds of
memories, buttons and menus and need all modes and all bands from DC to
light, it probably isn't for you.

Bill, K5ZTY
Houston, TX

On Sat, 17 Feb 2001 00:49:57 -0600 Dragon Singer
<dragonsinger@earthlink.net> writes:

Could
> I get some comments from K-2 Users on the list?
> 73
>

Date: Sat, 17 Feb 2001 19:42:18 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Pastor-KC1DI <elbc@pivot.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91961] Re: DX Contest on 80M
Message-ID: <Pine.LNX.4.31.0102171941360.1674-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I need to get after it. Can't let KC1DI beat K5DI!

On Sat, 17 Feb 2001, Pastor-KC1DI wrote:

> Hi all ,
> For those interested in working qrp dx on 80m Just worked UT5UIA AND RU1A
> band is wide open from maine Oh by the way was using 3w to a g5rv slopping
> dipole . give it a try
> 72 & 73 Dave Kc1di
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 17 Feb 2001 21:03:37 -0600
From: "Gordon Cougar" <gcouger@couger.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91962] Re: Q Dope
Message-ID: <015901c09957\$6444aa40\$49daf0d0@home.xxx>

I break up the clear part of CDROM cases and melt them in MEK. It is styrene and doesn't take as long as stuffing peantuts . If you want to make it softer add a little castor oil to the mix. If you use MEK it will

dry in a half hour or less.

Gordon W5RED
G. C. Cougar gcouger@provalue.net Stillwater, OK
www.couger.com/gcouger

From: "Steven Weber" <kd1jv@moose.ncia.net>

>
> > Can anyone provide a source where I can purchase q-dope? I tried
Mouser and
>
> Oh no, another q dope thread!
>
> Well, you can make your own Q dope by dissolving a box full of
> styrofoam peanuts into a small amount of solvent like
> Tri-chlorethylene or MEK.
>
> Of course, simply using some clear nail polish will do the job too. I
> often melt wax over the toroids, using a hair dryer, but that can be
> messy.
>
> 72,
> Steve, KD1JV in the white Mountains of New Hampshire
> "melt solder"

Date: Sat, 17 Feb 2001 22:41:07 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91963] Re: ARRL DX CONTEST
Message-ID: <052101c0995c\$a33563c0\$010044c0@baycity1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think it's time to put the radio to bed for the night - it will be an
early morning <g>

First, many thanks to ALL who explained CFM!

Second, a quick report... I didn't get to play in this contest last year,
but in 1999 I was 2nd in Michigan. So far, I am at 3 times my '99 score!

It started off kind of slow but really picked up later in the morning. I don't seem to have all that many Q's, but it seems like every one is a multiplier.

As Ade mentioned, 40 seemed awfully good for 40, although it was nowhere near as productive as 20 and 10. I don't think I ever worked any DX on 40 before, but today I got 13 countries there. On 40, you DO know you're QRP. On 10 and 15, the big boys can't tell you from the other big guns.

I wonder if I'll be too fried to do anything tomorrow, or if the CME will shut us down.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sat, 17 Feb 2001 23:13:01 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [91964] 20 Metres HOT for DX Contest
Message-ID: <200102172313_MC2-C5FE-E6E1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Been having a ball on 20 Metres in the DX Contest. Gosh, have worked over
60 countries today, with no letup in sight. Setup = 3D 0HR500 or K1 (sic--=
it's
borrowed!) at 5 watts out to the GAP Titan DX up 9'. Come on in, the
water's fine. BTW, zero beat the DX is essential. Most of these guys will
QRS and will patiently wait to get all the information. They are sending
RST + their power. YOUR exchange is RST + your State or Province. =

72,
--Doc/K0EVZ

Date: Sat, 17 Feb 2001 23:13:44 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [91965] FS:Harvey Wells Z-Match Tuner
Message-ID: <200102172314_MC2-C5FE-E6E5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

Have for sale my Harvey Wells Z-Match tuner. This tuner is electrically =
a
10, and cosmetically about an 8.0. Works fine, but is excess here. Price
e
is \$180.00 which includes insured UPS shipping to your Stateside address.=
=

72,
--Doc/K0EVZ

Date: Sun, 18 Feb 2001 04:16:45 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU, qrpp@egroups.com
Subject: [91966] ARRL DX Contest
Message-ID: <20010218.041700.-410801.1.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

This contest is a blast this year. I've been running it mostly QRPP at 500 mWatts. I did turn it up to 5 watts for 6 QSO for new countries QRP but the rest are all at 500 mWatts. Total take so far is 131 QSOs in 44 countries. I had one great run this afternoon on 20 meters - 30 QSOs search and pounce at 500 mWatts in 30 minutes. Everyone could hear me then. I've been running them all with the K2 to nothing more than a bunch of dipoles.

I'll be back tomorrow for some more.

73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 17 Feb 2001 22:48:32 -0600

From: Monty N5FC <n5fc@io.com>

To: AQR@egroups.com, qrp-1@Lehigh.edu

Subject: [91967] HB: RF Probe for Surface-Mount

Message-ID: <4.3.2.7.1.20010217224543.00accd30@mail.io.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

This is my day for building web-pages.

If you're interested in building an RF probe usable with surface-mount circuitry (or any other solid-state circuit), check out my "Ballpoint RF Probe" at:

<http://www.io.com/~n5fc/rfprobe2.htm>

Enjoy!

73,

monty N5FC

Monty Northrup, N5FC

Austin, Texas

e-mail: n5fc@io.com

web page (ham radio): <http://www.io.com/~n5fc>

web page (home): <http://www.io.com/~maddog>

Date: Sat, 17 Feb 2001 23:12:35 -0600

From: Karl Heimbach <kheimbach@earthlink.net>

To: boatanchors@qth.net, FT817@yahoo.com, HEATH@LISTSERV.TEMPE.GOV, qrp-1@Lehigh.edu, swan@qth.net, Swan-Net <Swan-Net@topica.com>

Subject: [91968] Updated sale list on <http://home.earthlink.net/~kheimbach/>

Message-ID: <5.0.2.1.2.20010217231024.00a783b0@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks for the interest. Have sold most items. Have reduced prices on remaining. A few more new ones will be listed on tomorrow or Monday.

Karl - W5QJ

Date: Sat, 17 Feb 2001 23:12:57 -0800 (PST)
From: ABCQRP <w6abc@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [91969] 40 Meter DX Great too!
Message-ID: <20010218071257.10244.qmail@web2105.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The DX contest sure is fun with the QRP rigs! I've been switching this rig for that one and working stations all over the world. I don't think I can come close to Doc's country count (had to work this weekend) but with the hours I did play the results were great. Just worked RW2F/Kalingrad, Russia 0705 UTC on 40 meters (7.036) with the K2 at 5 watts. No great feat for sure but was fun. Snagged him on the first try with him coming back to clarify the call sign.
Have a great Sunday everyone!
72,
Jack W6ABC

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only \$35 a year! <http://personal.mail.yahoo.com/>

Date: Sat, 17 Feb 2001 23:32:51 -0800 (PST)
From: H Weinstein <k3hw@yahoo.com>
To: glowbugs@piobaire.mines.uidaho.edu, qrp-1@lehigh.edu, njqrp@njqrp.org
Subject: [91970] Need small black "CAL SET" knob for HQ-110 Hammurland Receiver
Message-ID: <20010218073251.9731.qmail@web4306.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

GLOWBUGS...

I recently acquired an HQ-110 Hammurland Receiver. I am missing the small black "CAL SET" control knob that is located between the two band dials. It is unique

in that it fits over a small metal blade that slides the dial indicator lines back and forth to "calibrate" the main tuning dial. I of course will pay for the knob plus shipping.

Tnx es 73

Howard K3HW

former Radioman Submarine Service

SSN-687, SSN-650, and SS-555

Do You Yahoo!?

Get personalized email addresses from Yahoo! Mail - only \$35 a year! <http://personal.mail.yahoo.com/>

Date: Sun, 18 Feb 2001 04:02:47 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [91971] WB9MII Contest Results so far
Message-ID: <db.106307ed.27c0e9b7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

With an MFj9020 and an indoor homebrew Joystick near a window and worked against a "counterpoise" on the floor I ave been doing pretty well. Only real problem is the big guns who are busy hitting their CQ buttons on their megadollar keyers and not bothering to listen for replies. lid is as lid does. Will hit 20 another lick at sunup and mebbe see what I can get.

73

Greg WB9MII

Date: Sun, 18 Feb 2001 04:02:52 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: WB9MII@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91972] Re: WB9MII Contest Results so far
Message-ID: <3A8F9DCC.D67701CE@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

WB9MII@aol.com wrote:

>

> With an MFj9020 and an indoor homebrew Joystick near a window and worked

> against a "counterpoise" on the floor I ave been doing pretty well. Only real

> problem is the big guns who are busy hitting their CQ buttons on their
> megadollar keyers and not bothering to listen for replies. lid is as lid
> does.

Greg before criticizing others you might want to:

1) consider making sure that you are on frequency. The big guns are sitting there with 250 hz crystal filters because they have to deal with incredible qrm and if you are off frequency by 100 hz, your invisible. Often I have called europeans using considerably more power and antenna than you and they have continued to call cq. I then moved the frequency a hair and presto they came right back.

2) time your call properly

3) recognize that its a contest and that the big guns are trying to maximize their score over the time available to them. If they can do that without tuning their RIT or trying to pull out every esp signal sending 10 wpm, they will do that. To them the contest is important. To you its entertainment.

4) put out a better signal. Your results with small indoor antenna are not going to be the same as someone with an outside dipole much less stacked monobanders. Its your responsibiity to make yourself heard.

Have fun.

73 de Dave, N0IT

Date: Sun, 18 Feb 2001 06:24:22 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [91973] Yes, Virginia - you can work DX on 40/80 with a low horizontal antenna!
Message-ID: <004801c0999d\$582f8b80\$5b7abc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> On 40m, that puts the center of radiation at or below a quarter wave
> above
> ground. The direction of radiation will be mainly straight up.

With all due respect to the numerous books, web sites, experts, etc that make similar comments, rest assured that DX is not only possible, but *easily* possible with low-to-the-ground antennas, even on the lower HF

bands.

I have a 40m dipole at 55 feet and an 80m inverted V with the apex at 55 feet and the ends at 8 feet and regularly work Europe on 75/80 (and several Indian Ocean stations). On 40m, I'm 7 countries away from 40m DXCC for this winter.

On 80m I use 100 watts and on 40m it's half QRP and half 100w.

I don't make these statements to "brag" but rather to undo some of the misconceptions that people get locked into believing by constantly hearing that very little DX can be worked with low antennas, particularly on the low bands. It just ain't so! A lot of new hams would have trouble believing that it's possible to work DX with 2 watts but of course we all know the story on that one! We have web pages and make posts here to the contrary all the time. I've dedicated part of my QRP web page to low-band DXing in an attempt to refute all the literature that says I shouldn't be able to work VQ9QM thru a pile-up on 80m with a 55' inverted V. I also know of a W2 who's worked DXCC on 160 with a dipole, no part of which is higher than 40 feet above ground.

This is THE weekend to prove to yourself what's possible with your 80m built-for-the-Warbler dipole or inverted V.

73,

John Harper AE5X

Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

Date: Sun, 18 Feb 2001 05:32:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [91974] DX Contest is Great!
Message-ID: <Pine.LNX.4.31.0102180517150.796-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If someone told me they worked Europe from New Mexico on 40 meters running QRP in a DX Contest I would have asked what they were smoking. But to my surprise K5OI last night worked a lot of Europe on 40 last night and I did the same this morning early.

As the hour moved closer to daylight Sunday I worked Japan and the islands out that way with usually just 1 call and no fills. The standard Contest numbers are 599 and your power if DX. So I have no idea how strong

I was, but it was strong enough he copied 599 nm no problems.

It took the example that K50I set to get me to even listen at the right time. I was so pessimistic about QRP on a DX Contest that it sounded weird. Then to have it work so great is a shock.

This is my theory: A "Big Gun" in Europe running a kilowatt to a 4 element wide spaced beam at 200 feet clears out a frequency over an hour or 2. So along comes QRP Joe and he hears this station 599+ and calls him. He is on a clear frequency and he hears you! It's over in 15 seconds. You worked him partly because his KW keeps the frequency clear. At least that's what it sounds like to me.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 18 Feb 2001 07:42:51 EST
From: WY1W@aol.com
To: qrp-l@lehigh.edu
Subject: [91975] QDOPE-TNX
Message-ID: <2b.1133bf7b.27c11d4b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

What a super resource we have here on QRP-L. Thanks to all for the helpful info. I have already placed my order.
73/72 Butch WY1W

Date: Sun, 18 Feb 2001 07:59:40 EST
From: WY1W@aol.com
To: qrp-l@lehigh.edu
Subject: [91976] FS:SIERRA DL PA
Message-ID: <e1.107c7a9c.27c1213c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have decided not instal the DL 5 watt PA mod into my new Sierra. I will sell it for what I paid for it a month ago \$50.00 USD. If interested, contact me direct at WY1W@AOL.COM.

72/73 Butch

Date: Sat, 17 Feb 2001 08:00:50 -0800
From: paul taylor <ptay1@bestweb.net>
To: qrp-l@Lehigh.EDU
Subject: [91977] fs mfj 20m xcvr
Message-ID: <3.0.32.20010217080049.0069b390@pop.bestweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For sale mfj 20m xcvr. no keyer, no filter. \$85.00

Date: Sun, 18 Feb 2001 08:04:05 -0500
From: "Dennis Berry" <dennisberry@worldnet.att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [91978] MFJ-9020
Message-ID: <04ca01c099ab\$46c755e0\$d933fea9@capricorn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I picked up a MFJ-9020 that needs some 'help', starting with the receive side. It did not have any documentation with it. Does anyone have a schematic they have scanned in that could forward one to me? I'll contact MFJ also on Monday, but was wanting to take a quick look at it and if anyone has an electronic version I was hoping to get started today.

If you have one your willing to share, please send a copy to my home email or at nu8s@qsl.net.

Thanks for your help gang!

Dennis, NU8S

Date: Sun, 18 Feb 2001 09:00:17 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "NJQRP" <njqrp@njqrp.org>, "Qrp-L" <qrp-l@Lehigh.EDU>, "NoVaQRP"

<NoVaQRP@topica.com>
Subject: [91979] LY5A/QRP calling CQ contest on 28.128.8 at 1352Z
Message-ID: <GCECIJFJPOHMCKACOA0BIEICCDAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

LY5A/QRP is working a lot of US stations on 28.128.8 this morning. Solid 579 signal into Northern VA (of course for the contest its 599).

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

Date: Sun, 18 Feb 2001 09:12:47 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: n5fc@io.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [91980] Re: HB: Antenna Switch
Message-ID: <3A8FD85F.1FAA9B84@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monty,

The reason that you have not encountered an antenna switch for open wire line is that one has never been built! Most folks who use open wire line don't often switch it. Switching it and maintaining impedance matching involves careful consideration of line spacing. This means a wide variation in line spacing to accommodate different lines. There have been a few 300 ohm twinlead switches, but to accommodate real open wire line spacing from 1 inch to 6 inches would be a terror!

73

Date: Sun, 18 Feb 2001 06:21:11 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: sjolin@swbell.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [91981] Re: WB9MII Contest Results so far
Message-ID: <20010218142111.18103.qmail@web805.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Oh must we sound so harsh.

Do You Yahoo!?
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a year! <http://personal.mail.yahoo.com/>

Date: Sun, 18 Feb 2001 09:19:19 -0500
From: "Brian Murrey" <bmmurray@amexol.net>
To: <w6abc@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
"pigs" <fpqrp-l@mpna.com>
Subject: [91982] Re: 40 Meter DX Great too!
Message-ID: <001e01c099b5\$c95cb400\$0964030a@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Last night on 40m, I got Russia, Finland, Peru, Hungary, Ukraine, and
Belgium....in about an hour. There was more DX there than on 20m...or I
should say I could HEAR more DX there than I could hear on 20m.

The attic dipole was working great! I was running about 4.5 w out of my
Scout to the dipole. Of course all RST's were 599...right.

72

----- Original Message -----
From: "ABCQRP" <w6abc@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 18, 2001 2:12 AM
Subject: 40 Meter DX Great too!

> The DX contest sure is fun with the QRP rigs! I've
> been switching this rig for that one and working
> stations all over the world. I don't think I can come
> close to Doc's country count (had to work this
> weekend) but with the hours I did play the results
> were great. Just worked RW2F/Kalingrad, Russia 0705

> UTC on 40 meters (7.036) with the K2 at 5 watts. No
> great feat for sure but was fun. Snagged him on the
> first try with him coming back to clarify the call
> sign.
> Have a great Sunday everyone!
> 72,
> Jack W6ABC
>
> -----
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail - only \$35
> a year! <http://personal.mail.yahoo.com/>
>

Date: Sun, 18 Feb 2001 10:19:38 -0500
From: "Mark Fancher" <mmfancher@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91983] Fiberglass Enclosures?
Message-ID: <001a01c099be\$36f907e0\$162c56d1@GEARemote>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

All:

KK7B had an interesting idea in his "Passport" article in QRP Power. He brought up the idea of making enclosures for QRP projects out of fiberglass.

I received a West Marine catalog the other day, and it sparked my memory. West Marine sells fiberglass repair kits. I was wondering if anyone had any experience in using one of these repair kits to make QRP enclosures?

Sounds like an interesting prospect! Theoretically, you could make enclosures of any size shape or form to fit the functionality of the rig.

Mark Fancher, W09G
mmfancher@earthlink.net

Date: Sun, 18 Feb 2001 10:17:57 -0500
From: Rick Sealey <rsealey@northstate.net>
To: n5fc@io.com

Cc: qrp-1@lehigh.edu
Subject: [91984] Re: HB: RF Probe for Surface-Mount
Message-ID: <4.1.20010218101712.009b3aa0@mail.northstate.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Nicely done!

Rick - W4SEA

At 10:48 PM 02/17/2001 -0600, you wrote:
>This is my day for building web-pages.
>
>If you're interested in building an RF probe usable with surface-mount
>circuitry (or any other solid-state circuit), check out my "Ballpoint RF
>Probe" at:
>
><http://www.io.com/~n5fc/rfprobe2.htm>
>
>Enjoy!
>
>73,
>monty N5FC

Date: Sun, 18 Feb 2001 10:27:22 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <arnoldas@pacbell.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [91985] RE: Astron RS-12A Manual or Schematic??
Message-ID: <000001c099bf\$4b376a20\$050af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi John:

I have the schematic for the RS-12A/RS-12M supply. It's based on the popular uA723 voltage regulator chip, and follows the datasheet for that IC almost to the letter. I'd be happy to scan it for you and send you a TIFF, .PDF or JPEG file. Or, I can fax it to you. Let me know.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of John Arnold
Sent: Thursday, February 15, 2001 4:40 PM
To: Low Power Amateur Radio Discussion
Subject: Astron RS-12A Manual or Schematic??

Does anyone have a copy of the manual for the Astron RS-12A Power Supply? Obviously, I'll pay for a copy or whatever. Pse respond to me personally to limit QRP-L traffic. Tnx, John, wa6ysy@arrl.net

Date: Sun, 18 Feb 2001 10:36:19 -0500
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91986] DX Test de KB1ENS
Message-ID: <3A8FEBF3.74CC5B77@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Didn't have a lot of time for the DX Test this weekend. Managed to squeak in an hour last night about 20 minutes this morning.

On 40m last night I flailed away with 5w making 4 Q's with lots of KB?'s. So to maximize my time and enjoyment, I turned off the K-1 and turned on the IC-746 at 100w and made a total of 33 Q's in the hour I was on. I noticed most ops weren't sending that fast (slower than the recent CQ WW Test anyway). I was absolutely amazed at the number of DX stations on 40m!!! I think I've worked DX twice on 40m before last night!

I figured this morning would be better for QRP on 20m. Fired up the K-1 for a bit and made 12 Q's in 20 minutes at 5w. Only one station asked for a repeat.

So my take on this weekend is 40m QRP is great if the other stations are:

- a) listening for weak sigs.
- b) not overwhelmed in a contest!

On 20m it's a different story. As long as you can hear them and you're spot on freq, then 5w is all you really need to have fun. I may get on later and try for more Q's on 20m with 1w or less.

73,

John, KB1ENS

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Sun, 18 Feb 2001 10:36:32 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91987] Re: WB9MII Contest Results so far
Message-ID: <05d101c099c0\$bb52a4e0\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <WB9MII@aol.com>

> Only real problem is the big guns who are busy hitting their CQ
> buttons on their megadollar keyers and not bothering to listen
> for replies.

There are definitely some who seem to be not listening, but other big guns have amazing ears. I just worked a Japanese station, running a kilowatt, and not moving the S meter here. I had to send my call a few times but he managed to get it through all the kilowatts wanting a piece and not willing to wait.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Sun, 18 Feb 2001 11:00:22 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [91988] 15m DX Test this morning

Message-ID: <002d01c099c3\$e775bfa0\$c5492bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow! 15m was hopping! I think I earned the WAI (Worked all Ivans) award.

>From 1445 to 1545 UTC I caught the following:

ZF2NT - Cayman Island
UA9CDV - EKATERINBURG Russia
RK9CZO - EKATERINBURG Russia
G4BU0 - UK
RU1A - Russian Club
LY20X - Lithuania
LY7ZLY - Lithuania
OL7W - Club via OK1DUT in Czech Republic
OH6NIO - Finland
OT1H - Belgium?
OK1FRM - Czech Rep
OM5NL - Slovak Rep
S52GP - Slovenia

Not bad for an hour! How's come it ain't like this every weekend?? (grin)

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sun, 18 Feb 2001 09:08:07 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <w7zoi@easystreet.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [91989] FT-817 Measurements as well as Cheap and Easy Yagis
Message-ID: <B6B54176.6AA7%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Wes - It is always nice to see your posts on QRP-L. You always seem to have something significant to say. Thanks for the very nice summary of the measurements you made on the FT-817. This information is much better than the subjective information we had been getting.

I smiled at the mention of the Cheap Yagis. I have used these as well. If you didn't already know it, Kent's Cheap and Easy Yagis are also on the web at:

<http://www.clarc.org/Articles/uhf.htm>

This is probably an easier reference for most people to locate.

These are great antennas for the beginner to build. They have sharp patterns, are made from commonly available materials with simple hand tools, and require no tuning. Performance is within a dB or so of the optimum for the boom length.

Keep in touch. - Duffey

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sun, 18 Feb 2001 09:13:37 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [91990] Final KK6MC/5 FOX Log
Message-ID: <B6B542C1.6AA8%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Here is my final log as the Fox. Thanks for the help in finding my mistakes.
- Duffey

0200	W0CH	579	MO	Dave	5W
0201	WA5OJE	539	TX	Danny	5W
0202	N1LN	599	TX	BRUCE	5W
0203	K5AAR	559	OK	DON	5W
0204	NQ7X	559	AZ	FLOYD	5W
0205	K5VUU	559	TX	ED	5W
0207	N5TW	599	TX	TOM	5W
0208	K5DI	599	NM	KARL	5W

0209	N1FN	559	CO	AET	5W
0210	N2WW	559	CO	LARRY	5W
0213	KK5LD	559	TX	DAN	5W
0215	K5OI	599	NM	TIM	5W
0217	K4FB	579	FL	PAUL	5W
0220	K0FRP	579	CO	AL	5W
0221	K10J	559	TX	OJ	5W
0223	K7RE	559	AZ	BRIAN	5W
0224	K5JHP	559	TX	BILL	5W
0225	N6WG	559	CA	BOB	5W
0228	AC5JH	559	OK	TOM	5W
0228	K5ZTY	559	TX	BILL	5W
0230	N5ET	559	TX	BOB	5W
0231	K0EVZ	589	ND	DOC	2W
0232	K5E0A	559	LA	WAYNE	5W
0234	AK7Y	559	AZ	GREG	5W
0235	AA0ZZ	559	MN	CRAIG	5W
0236	WA5REJ	559	TX	ALLEN	5W
0239	W5USJ	579	TX	CHUCK	3W
0240	KQ5U	559	TX	TERRY	5W
0242	W5HNS	579	TX	HENRY	5W
0243	W5YA	599	NM	FRED	5W
0245	N5UW	599	OK	CLIF	5W
0246	K5HKX	599	TX	PAUL	5W
0247	K4BYF	559	FL	JACK	5W
0249	KI0II	559	CO	RON	5W
0250	NK6A	599	CA	DON	5W
0251	W5YR	559	TX	GEORGE	5W
0252	AB0G0	599	CO	DAVE	5W
0253	W7ILW	559	AZ	HOWARD	5W
0254	K5DW	559	TX	DON	5W
0255	W9XT	579	WI	GARY	5W
0256	NK7M	579	AZ	BOB	5W
0257	K0MP	559	CO	BILL	5W
0258	W7AQK	579	AZ	DAVE	5W
0300	AA7EQ	559	AZ	BOB	5W
0301	W3ERU	559	MD	WES	5W
0303	K4ADI	559	SC	FRANK	5W
0304	K5AEM	599	TX	JON	5W
0305	WA7SPY	559	CA	GLENN	5W
0307	N0AR	559	MN	SCOTT	4W
0309	K0PC	559	MN	PAT	5W
0310	K6VNX	559	CA	ARLEN	5W
0312	WV9N	559	OH	Randy	5W
0313	K5LN	559	TX	BILL	5W
0314	AC7A	599	AZ	TOM	5W
0314	W2XN	559	FL	FRED	5W
0316	WA9PWP	569	WIS	PAUL	5W

0319	N0DSP	559	CO	TOM	5W
0321	NK9G	559	WI	RICK	5W
0322	N0UR	559	MN	JIM	5W
0325	N4ROA	559	VA	DAN	5W
0326	KR5C	599	TX	GEORGE	5W
0327	WA9TZE	559	WI	JIM	5W
0329	N5EN	559	TX	STEVE	5W
0330	NV4V	559	KY	PETE	5W
0332	W5JAY/M	599	AR	JAY	3W
0333	AD8DF	559	MI	ED	5W
0336	W0UFO	559	MN	MERT	5W
0338	AF4LQ	569	KY	MIKE	5W
0339	W0PWE	559	IA	JERRY	5W
0341	WB8ICN	599	MI	MIKE	5W
0344	N4JIU	559	TX	BRUCE	5W
0345	N5IB	579	LA	JIM	5W
0347	WU9F	559	WI	TERRY	5W
0348	W0RSP	579	SD	ADE	2W
0350	W5SB	559	TX	BILL	5W
0351	WK6I	599	CA	JEFF	5W
0352	W9XU	559	WI	LON	5W
0355	K9IUA	559	ND	KEVIN	5W
0357	N7CQR	559	OR	DAN	5W
0358	W0JOE	559	MO	JOE	5W
0359	N9AW	559	WI	JERRY	5W
0400	WA50JE	559	TX	DANNY	5W
0400	KK6MC/5	559	NM	JIM	5W

--

James R. Duffey KK6MC/5
 30 Casa Loma Road
 Cedar Crest, NM 87008

Date: Sun, 18 Feb 2001 10:22:18 -0600
 From: Nick Kennedy <nkennedy@tcainternet.com>
 To: "'w6toy@erols.com'" <w6toy@erols.com>, Low Power Amateur Radio Discussion
 <qrp-l@Lehigh.EDU>
 Subject: [91991] RE: HB: Antenna Switch
 Message-ID: <01C09994.AC8CEBE0.nkennedy@tcainternet.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="us-ascii"
 Content-Transfer-Encoding: 7bit

Bruce & all--

Quite true that constant impedance switches for open wire line are rare or don't exist at all, but that shouldn't imply that it (constant impedance) is a necessity on HF frequencies. There are plenty of examples where control relays, mini-toggle switches and slide switches have been used successfully for RF work, sometimes even to 2 meters and beyond.

With the way ladder line and twin lead are normally used, it's even less of a problem. That is, the little impedance bump from the switch transforms one random unknown impedance to a slightly different random unknown impedance. The difference is transparent to the guy tweaking the controls on his Matchbox.

Rather than be concerned with the impedance of the switch as a transmission line component, I'd tend to look at its voltage and current ratings and so forth.

72--Nick, WA5BDU

-----Original Message-----

From: Bruce Muscolino [SMTP:w6toy@erols.com]
Sent: Sunday, February 18, 2001 8:13 AM
To: Low Power Amateur Radio Discussion
Subject: Re: HB: Antenna Switch

Monty,

The reason that you have not encountered an antenna switch for open wire line is that one has never been built! Most folks who use open wire line don't often switch it. Switching it and maintaining impedance matching involves careful consideration of line spacing. This means a wide variation in line spacing to accommodate different lines. There have been a few 300 ohm twinlead switches, but to accommodate real open wire line spacing from 1 inch to 6 inches would be a terror!

73

Date: Sun, 18 Feb 2001 10:55:52 -0600
From: "Brian Olson" <brolson@ties.k12.mn.us>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [91992] SMK-1 help with Tx
Message-ID: <NDBBJPBMGLKJGANKJAEJGELCDKAA.brolson@ties.k12.mn.us>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My SMK-1 receives fine but no transmit. I can hear a thump but zero output to the WM-1.
What type of readings should I look for at Q2 and Q3. Also any tips on trouble shooting this rig are appreciated.

Brian R. Olson
N0XFE
Bloomington, MN

Date: Sun, 18 Feb 2001 10:45:56 -0600
From: "James Parsons" <res075cz@gte.net>
To: <qrp-l@lehigh.edu>
Subject: [91993] Wanted: QRP Wattmeter
Message-ID: <005b01c099ca\$444b4140\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody have a WM-2 wattmeter, or substitute for sale (yeah, I know its a long shot). I am an occasional QRPer and can't justify 100 dollars for a meter that can only be used for QRP. Also, my lowest power output will be 5 watts so I don't need those milliwatt scales. It is a shame that Bird does not make a low power slug for my meter. My Drake and MFJ meters have scales too high to give a reasonably accurate reading at five watts.

Thanks and 73,

Jim, K5ROV

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Sun, 18 Feb 2001 11:48:53 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <nkennedy@tcainternet.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [91994] RE: HB: Antenna Switch
Message-ID: <000801c099ca\$ade54060\$050af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Exactly Nick. I use a series of open-frame knife switches on my open-wire feeders here, and there's not an apparent iota of difference with or without them.

My own experience shows that open-wire line is remarkably tolerant. I remember once being holed up in a motel with a open-wire fed doublet coiled up around the room, draped over lamps and bedposts etc. It tuned and worked just fine. Ran N2RI's old HW-8 and made lots of QSOs. Hee hee.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Nick Kennedy
Sent: Sunday, February 18, 2001 11:22 AM
To: Low Power Amateur Radio Discussion
Subject: RE: HB: Antenna Switch

Bruce & all--

Quite true that constant impedance switches for open wire line are rare or don't exist at all, but that shouldn't imply that it (constant impedance) is a necessity on HF frequencies. There are plenty of examples where control relays, mini-toggle switches and slide switches have been used successfully for RF work, sometimes even to 2 meters and beyond.

With the way ladder line and twin lead are normally used, it's even less of a problem. That is, the little impedance bump from the switch transforms one random unknown impedance to a slightly different random unknown impedance. The difference is transparent to the guy tweaking the controls on his Matchbox.

Rather than be concerned with the impedance of the switch as a transmission line component, I'd tend to look at its voltage and current ratings and so forth.

72--Nick, WA5BDU

-----Original Message-----

From: Bruce Muscolino [SMTP:w6toy@erols.com]
Sent: Sunday, February 18, 2001 8:13 AM
To: Low Power Amateur Radio Discussion
Subject: Re: HB: Antenna Switch

Monty,

The reason that you have not encountered an antenna switch for open wire line is that one has never been built! Most folks who use open wire line don't often switch it. Switching it and maintaining impedance matching involves careful consideration of line spacing. This means a wide variation in line spacing to accommodate different lines. There have been a few 300 ohm twinlead switches, but to accommodate real open wire line spacing from 1 inch to 6 inches would be a terror!

73

Date: Sun, 18 Feb 2001 11:01:28 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [91995] Re: Anti-Skid Material for Key
Message-ID: <200102181701.MAA23153@maynard.mail.mindspring.net>

I've found that the rubber mats they sell for lining the drawers of toolboxes work very well for this. It's a soft rubber-like mat about an eighth of an inch thick, with little square "bubbles" in it. Comes in several colors, is inexpensive, cuts to size with scissors, and is readily available anywhere they sell automotive tools and the matching storage cabinets.

My operating desk is a second-hand office desk with a formica type surface. Keys and other small stuff slide around easily. Even the Vibroplex, which is heavy and has good soft rubber feet, will gradually walk on this surface. A little square of the tool box liner does the trick nicely. If it gets dusty or you spill something on it, just rinse it off in the sink and let it dry.

Another good prospect would be the inexpensive computer mouse mats that sometimes are given away as advertising items. The ones with a soft fabric top and textured rubber bottom should work well. But you have to keep these free of dust or they will slide like pancakes on a teflon pan.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Sun, 18 Feb 2001 10:01:43 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [91996] SSB @ 10.101MHz !?!
Message-ID: <OE53LbyiDFkBfMPAFcd00000d91@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, I know it is a shared band, but this is the first time I can recall hearing SSB traffic.

Can't quite pick out the language, maybe Spanish, transmissions are short bursts of only a few words. Any body have an idea who it might be?

73, Rod N0RC
Ft Collins CO

Date: Sun, 18 Feb 2001 12:29:45 -0500
From: "Alex Turner" <aturner13@triad.rr.com>
To: <sjolin@swbell.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [91997] Re: WB9MII Contest Results so far
Message-ID: <009a01c099d0\$62e695e0\$a4611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dave, I just have to respond to number 3). Exactly what is it to them as you see it?

Alex - N4BYJ

Original Message -----

From: Dave Sjolin <sjolin@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, February 18, 2001 5:02 AM
Subject: Re: WB9MII Contest Results so far

> 3) recognize that its a contest and that the big guns are trying to
> maximize their score over the time available to them. If they can do
> that without tuning their RIT or trying to pull out every esp signal
> sending 10 wpm, they will do that. To them the contest is important. To
> you its entertainment.
>
> 4) put out a better signal. Your results with small indoor antenna are
> not going to be the same as someone with an outside dipole much less
> stacked monobanders. Its your responsibiity to make yourself heard.
>
> Have fun.
> 73 de Dave, N0IT

Date: Sun, 18 Feb 2001 11:50:10 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91998] Re: Yes, Virginia - you can work DX on 40/80 with a low
horizontal
antenna!
Message-ID: <004401c099d3\$3de2d940\$1e703ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

John,

I agree (although 55 feet IS high for me :-).

The textbooks are not wrong but often times the elevation patterns that are presented are based upon a perfectly conducting, smooth earth or something near ideal. Over real earth the main lobes are reduced and the deep nulls are filled in. There is always "some" radiation at nearly all elevation angles. It still holds true generally that the "higher the better" for DX

but when the predictions say that it (DX) just can't be done this is usually not the case in real life.

If I could I would place my horizontal DX antennas very high but for the last several years I haven't had anything over 20'. By the way, I've still been working a lot of good DX with QRP on all bands, even 80m. I do realize it would be much easier if I had higher antennas but I tend to follow the bands of optimum propagation. In other words, I don't work Europe in the afternoon on 40m like I hear some big guns do. I also must realize that the DX I do work are big gun stations. With a good, high antenna I could probably work those weak, chirpy Asian stations I sometimes hear in the background noise on 20 and 30m.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sun, 18 Feb 2001 11:52:41 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [91999] Re: SSB @ 10.101MHz !?!
Message-ID: <004501c099d3\$97da7700\$1e703ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Rod,

This SSB traffic has been on 10.101 MHz for quite a while. No identification is ever given and from what I can tell they are fishermen or shrimpers and are not authorized for that frequency. I have no way to know for sure but I can find nowhere where that frequency is authorized for marine traffic. If you listen closely you can often hear their motors running in the background. When I was a shore station radio operator I often had problems with shrimpers in the Gulf of Mexico operating illegally on various frequencies.

I wouldn't interfere since we are also secondary users on 30m, although it is very tempting. It is ashamed we have to give up spectrum to the illegal operators from other countries since there is little in place to curb such activities. And since they know this and ham gear is so cheap, they hang out on our frequencies.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Sun, 18 Feb 2001 10:04:35 -0800
From: "Jim Pruitt" <wa7duy@eburg.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <wa6ysy@arrl.net>
Subject: [92000] Astron RS-12 A Schematic
Message-ID: <000501c099d5\$411bd240\$7e6d0041@ebrig1.wa.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

John, the Astron RS12 power supply schematic can be found at this URL.

<http://www.repeater-builder.com/rbtip/rs12a.html>

They also have some schematics for other Astron RS20, RS35, and RS70 power supplies as well.

<http://www.repeater-builder.com/rbtip/astronindex.html>

Hope this helps.

thanks

Jim Pruitt

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of John Arnold
Sent: Thursday, February 15, 2001 4:40 PM
To: Low Power Amateur Radio Discussion
Subject: Astron RS-12A Manual or Schematic??

Does anyone have a copy of the manual for the Astron RS-12A Power Supply? Obviously, I'll pay for a copy or whatever. Pse respond to me personally to limit QRP-L traffic. Tnx, John, wa6ysy@arrl.net

Date: Sun, 18 Feb 2001 12:08:55 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: aturner13@triad.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92001] Re: WB9MII Contest Results so far
Message-ID: <3A900FB7.CE62B4F1@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Alex Turner wrote:

>
> Dave, I just have to respond to number 3). Exactly what is it to them as you
> see it?
>
> > 3) recognize that its a contest and that the big guns are trying to
> > maximize their score over the time available to them. If they can do
> > that without tuning their RIT or trying to pull out every esp signal
> > sending 10 wpm, they will do that. To them the contest is important. To
> > you its entertainment.

Anyone who is going to sit in the same operating chair for 30 hours and work thousands of stations in countries they dont need, is motivated by a desire to excel. It may be pushing themselves to win the division they are competing in, it maybe to beat last years score. Sure, they enjoy the contest but the object is to win.

They have thirty hours in which to do it and they constantly have to make decisions on what is the best use of their time. Should I attempt to pull that esp strength signal through or should I call cq and get another run of stations going? Should I search and pounce or should I cq? When should I take my breaks? What band should I be on right now?

Why not work the ESP strength signal, assuming they can copy it? Well they might be able to work three or four other stations during the same period required to complete the other contact. Three or four contacts times hundreds of multipliers amounts to a real difference in score. Also, if the other signal is that weak, the contestor might lose the frequency he is operating on because other contestors will not hear the qrp and assume the frequency is empty.

All the above assumes the tester not answering a call is deliberately ignoring you. That's not necessarily so. Think of what the band sounds like on your dipole or vertical. Add 30 or more db to those signals because of superior location and antennas and you will begin to

understand the problem. Signals are going to be placing a real strain on even the best radios. Get some close in qrm plus maybe some line noise and there are lots of reasons they might not hear you. And then there is one way propagation. While propagation most often is reciprocal, there are times when signals are extremely strong in one direction but not in the other.

73 de Dave, N0IT

Date: Sun, 18 Feb 2001 09:28:01 -0900
From: AL7JK John Raynsford <AL7JK@gci.net>
To: qrp Discussion <qrp-l@Lehigh.EDU>
Subject: [92002] Re:SSB @ 10.101 MHZ
Message-ID: <3A901430.1ACC5B27@gci.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>This SSB traffic has been on 10.101 MHz for quite a while. No
>identification is ever given and from what I can tell they are
fishermen or
>shrimpers and are not authorized for that frequency.

Rgr that Steve, often 30 mtrs gets clobbered here in Alaska by Asian SSB traffic. Often the band isnt open to the states from hr when it happens so it dosent usually cause Qrm.

>And since they know this and ham gear is so cheap, they hang
>out on our frequencies.

off topic: You guys should hear A0-27 fm satelllite when it passes over the pacific when Eastern Russia and Japan is in its footprint! lots of garbage
on it ... all kinds of non amateur radio comm's on 2 mtrs over there.

73 AL7JK, John
Eagle River, AK

Date: Sun, 18 Feb 2001 11:53:40 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Brian Olson <brolson@ties.k12.mn.us>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92003] Re: SMK-1 help with Tx
Message-ID: <Pine.LNX.4.31.0102181145570.1170-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It sounds to me like you need to check that the coil you wound on the torrid form is wired properly to the board, and that Q3 is installed right. Listen to the transmitter with another reciever and see if you hear a weak signal from the transmitter. If so then it's a problem in the amp stage. If you hear nothing it may be a bad crystal or something in that stage.

On Q2 you should see a volt or 2 on the emitter and also on the base. There should be 12 volts on the collector when the key is closed.

On Sun, 18 Feb 2001, Brian Olson wrote:

> My SMK-1 receives fine but no transmit. I can hear a thump but zero output
> to the WM-1.
> What type of readings should I look for at Q2 and Q3. Also any tips on
> trouble shooting this rig are appreciated.
>
> Brian R. Olson
> NOXFE
> Bloomington, MN
>
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 18 Feb 2001 13:47:51 -0500
From: "Steve and Anne Ray" <sbralr@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>, <n5fc@io.com>
Subject: [92004] Re: HB: Antenna Switch
Message-ID: <000401c099db\$f368e7c0\$e0174d0c@home>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I made something similar using relays, I noted the tuning positions on my Johnson Matchbox, before and after I built the relay box and could not see any difference. To bring the ladder line in through the wall, I used a 12 inch length of 12 gauge house wiring with the ground wire pulled out. It works like a champ. Like was said the small bump in the impedance does not seem to matter, the wavelength of the bump in the impedance probably makes the bump insignificant.

72,

Steve Ray K4JPN ex K1VKW
HW-101, HW-8, Elecraft K2 1422
HeathKit fan
EM82fp
Warner Robins GA

Date: Sun, 18 Feb 2001 12:43:36 -0700
From: Larry East <w1hue@amsat.org>
To: qrp-l@lehigh.edu
Subject: [92005] RE: NC40A Birdie
Message-ID: <5.0.2.1.2.20010218124127.00ad9d90@mail.ida.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

From a recent post:
>Mine has a birdie at 7020 as well, Dennis. Mine is a Wilderness Radio
>kit. It would be interesting to hear if anyone does *not* have such a
>birdie. Likely some analysis of the design will reveal its cause; I
>suspect it may be unavoidable.

I listened to mine, and sure enough, there IS a birdier at 7.020. Very weak, and I really have to strain to hear it with an antenna connected. Never noticed it before -- guess I don't work that part of the band much. :-)

72,
Larry W1HUE

Date: Sun, 18 Feb 2001 15:37:25 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: mmfancher@earthlink.net

Cc: qrp-1@lehigh.edu
Subject: [92006] Re: Fiberglass Enclosures?
Message-ID: <200102182010.f1IKAvG06639@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>
> KK7B had an interesting idea in his "Passport" article in QRP Power. He
> brought up the idea of making enclosures for QRP projects out of fiberglass.
>
I had considered the idea, as I have a can of Fiberglass Resin and
some cloth left over from the last time I patched up my car... and it
needed some serious patching, hi.

I see where he suggests first making the box out of 1/8" plywood,
then coating it with the resin. That makes sense, as you need a form
and the plywood would stiffen up the box. This would indeed make for
a pretty rugged enclosure. Maybe instead of plywood, one could make
the form from aluminum screen or thin aluminum flashing. That would
give the box some shielding and make it lighter too.

Of course, you don't need to order the stuff from a Marine supplier,
you can get it from Wal-Mart and the like, or any auto parts store.

Finally, Fiberglass resin has fairly nasty fumes, and not
having a well ventilated area to work in during the winter, I think
I'll pass for now. Maybe when I can work with the stuff outside...

Oh, I know a local artist who makes sculptures and stuff out of
fiberglass, it's amazing the things he can make...any shape or size.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 18 Feb 2001 12:36:28 -0800 (PST)
From: wa4dou@excite.com
To: qrp-1@lehigh.edu
Subject: [92007] Re: Yes, Virginia - you can work DX on 40/80 with a low
horizontal
Message-ID: <13540476.982528591969.JavaMail.imal@bubbles.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi John, Steve, and the Group,

Steve did a pretty good job of elaborating on this subject. I thought i'd state and restate some of it differently.

Most of us started out in amateur radio before we were very knowledgeable and before we had built reference libraries. Therefore we discovered what performance we could achieve before we read that it couldn't be done(or thought thats what we'd read). Later when we read that "most of the radiation was straight up" when using a certain type of antenna at a certain height above ground, on some band, we properly understood that the author wasn't saying we couldn't work dx with it under those circumstances. What the author was saying was that our signal was primarily directed straight up and therefore the "useful" radiation from the antenna (the radiation at useful angles) is 10 or 20 or 30 db down, or whatever, compared to the main lobe(s). Its this very phenomonon, where your main lobe(s) is/are focused, that determines the efficiency of your station when working dx(whatever definition you have for "dx").

Imagine this: One station with a KW of power and using a poor or inferior antenna, works dx. His friend down the road runs 5 watts and has a truly excellent low angle radiator for an antenna and often upstages his high power friend. 5 watts is 23 db down from a KW, but if an antenna focuses that 5 watts at an angle of,say, 10 degrees above the horizon, while the low antenna with a KW focuses most of its energy "straight up" and the energy radiated by it at 10 degrees is 25 db down, then the guy running qrp will likely whip his friend most/all the time. Even my argument here is somewhat simplistic because i've ignored a lot of other factors. Its enough to say this: The whole picture is one of complex dynamics. As we learn and stir more and more factors into the "dynamics" of the picture, we begin to see how difficult it is to communicate it accurately to others, and for it to be understood by others, exactly as we've expressed it. Our language can be used very precisely, but it must be understood and interpreted very precisely as well.

In the real world, all antennas radiate in all directions. They radiate better in some directions than others. The difference is only in the degree of attenuation in the unfavored/unfavorable directions.

The ARRL VHF Manual in the '60's and '70's and at least one ARRL Antenna Handbook in the '80's presented a very good dissertation on "path loss" and "station gain." "Station gain" is made up of 8 factors: Receiver sensitivity, , receiving antenna gain, receiving antenna height gain, transmitted power,transmitting antenna gain, transmitting antenna height gain, and the required signal to noise ratio. If you work a few examples, you quickly see how these add up to vhf/uhf range and how the antenna at the other end of the path can literally make your qso possible, when a station equipped as yours wouldn't be able to discern your signal in the noise.

With no disrespect to the "minimalists" among us, if everyone took that approach, few of us would ever work any dx. W5UN (hope i got his call right) works stations on EME that no other EME'ers can even hear. Its conceivable

that one could build such a large EME array that even qrp'ers could work him. When using antennas that aren't optimum, a larger percentage of our qso's are with stations whose antennas are optimum, or tending in that direction.

A few weeks ago i erected a "sloper" on 160 meters and entered the CQ WW 160 meter contest. The top of it was 190 ft. high. With 25 watts i managed to work 38 states and 6 countries other than W and VE. 2 or 3 of those countries were in Europe. I only heard 1 or 2 other European countries that i didn't work. A certain W8(JI or JU perhaps)worked all 50 states and well over 200 Europeans and even several JA's longpath. There were probably stations elsewhere that didn't work any stateside stations and i'm sure there were likely some that only worked the W8. His antenna farm for 160 must be very formidable.

So whats the moral of this letter? The answers are very complex and require study, application, thought and discernment. A human lifetime isn't long enough for it. Thats why understanding is built on the works of others. And part of what makes it so exciting.

73 Roy WA4DOU

On Sun, 18 Feb 2001 11:50:10 -0600, aa5tb@arrl.net wrote:

> John,
>
> I agree (although 55 feet IS high for me :-).
>
> The textbooks are not wrong but often times the elevation patterns that are
> presented are based upon a perfectly conducting, smooth earth or something
> near ideal. Over real earth the main lobes are reduced and the deep nulls
> are filled in. There is always "some" radiation at nearly all elevation
> angles. It still holds true generally that the "higher the better" for DX
> but when the predictions say that it (DX) just can't be done this is usually
> not the case in real life.
>
> If I could I would place my horizontal DX antennas very high but for the
> last several years I haven't had anything over 20'. By the way, I've still
> been working a lot of good DX with QRP on all bands, even 80m. I do realize
> it would be much easier if I had higher antennas but I tend to follow the
> bands of optimum propagation. In other words, I don't work Europe in the
> afternoon on 40m like I hear some big guns do. I also must realize that the
> DX I do work are big gun stations. With a good, high antenna I could

> probably work those weak, chirpy Asian stations I sometimes hear in the
> background noise on 20 and 30m.
>
> 73,
> Steve Yates - AA5TB
> Fort Worth, TX - EM12gs
> aa5tb@arrl.net
> <http://www.geocities.com/aa5tb>
>

Send a cool gift with your E-Card
<http://www.bluemountain.com/giftcenter/>

Date: Sun, 18 Feb 2001 15:48:43 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-1@lehigh.edu
Subject: [92008] Re 30 meter SSB
Message-ID: <5.0.2.1.0.20010218153217.00a6d460@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My brother NL7IE lives in Malaysia and said that 30 meters is an absolute Zoo there.
He said that WWV on 10 Megs is often drowned out by fishing boats.
30 was open to the Pacific yesterday in fact worked T32RD Kiribati Is. from here in Ky. on 30
(TMPS?) 5w here .
73 to all
Pete NV4V Ky.

Date: Sun, 18 Feb 2001 14:55:03 -0600
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Ten Tec mailing list <tentec@contesting.com>
Subject: [92009] FS: 245 CW audio filter for Ten-Tec Triton
Message-ID: <3A9036A7.2D2EC317@home.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Model 245 CW audio filter for a Ten-Tec Triton

New, never used. In original box (kinda ratty) with hardware and instructions.

\$25.00

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sun, 18 Feb 2001 16:11:30 -0500
From: "Mark Fancher" <mmfancher@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92010] Contest Question
Message-ID: <002801c099ef\$5f302c80\$ab2c56d1@GEARemote>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I've never participated in a contest, so I was wondering if someone who has could answer a question for me.

With all the contest activity going on 40m, if you are not participating in the contest, can you still contact the testers? I'm wondering if it simply slows them down to contact a non-participant.

Seems like if I wanted to work some stations over a short period of time, this would be the opportunity . . .

Thanks!

Mark Fancher, W09G
mmfancher@earthlink.net

Date: Sun, 18 Feb 2001 21:12:18 -0000
From: "TC Dufresne" <tdufres@radiks.net>
To: <qrp-1@Lehigh.EDU>
Subject: [92011] Opp'ing on EPS?
Message-ID: <00a401c099ef\$b46ab760\$0501a8c0@computer1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy. FINALLY got my emergency power supply up (EPS). Was wondering what people used to dampen some of the noise I am getting on my Drakes. Got that 60 cycle kinda buzz, about a "4" on my S meter. I am using a 600 watt inverter, with 4 6 volt batteries wired appropriately. (grin) Not exactly something I can put in the back of my truck, but it works! The whole thing is appropriately fused, and no real complaints, I guess I expected some hum.... Ideas?

Tom
KC0GXX

Date: Sun, 18 Feb 2001 16:24:40 -0500
From: "Steve Hanson" <ke1lg@qsilver.net>
To: <qrp-1@Lehigh.EDU>
Subject: [92012] Rig # 1-Selling(Ten-Tec C21
Message-ID: <000f01c099f1\$3463d5e0\$5795e3d8@mint.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thought I might check and see if there were any interest in this rig before I put it on e-bay:

Ten Tec C21(analog)
Matching 276 Calibrator
Matching 670 Keyer
Manual
New Final transistors with paperwork
All cables
Excellent condition-used exclusively QRP

Located in Maine

Was going to price around 200.00

Steve in Maine ke1lg@qsilver.net

Date: Sun, 18 Feb 2001 15:22:27 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: mmfancher@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92013] Re: Contest Question
Message-ID: <3A903D13.6DBE3F8F@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Mark Fancher wrote:

> With all the contest activity going on 40m, if you are not participating in
> the contest, can you still contact the testers? I'm wondering if it
> simply slows them down to contact a non-participant.
>
> Seems like if I wanted to work some stations over a short period of time,
> this would be the opportunity . . .

It's a wonderful opportunity Mark. I just worked 30 some countries in the
last hour on 15 and 10.

Jump right in. Hear someone calling CQ. When they stop send your call
one time. No need for their call, they already know it. No need for AR
or BK or K. just drop your call once.

When they come back to you and they will, send 5NN STATE and that's it.
Listen carefully to make sure they got your info and then go on to the
next station.

Have fun,
73 de Dave, N0IT

Date: Sat, 17 Feb 2001 16:25:39 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <tdufres@radiks.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92014] Re: Opp'ing on EPS?

Message-ID: <004901c09928\$2db126e0\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well Tom first of all the noise must be coming from the inverter switching action. If it's not a real expensive inverter then I would assume it generates a squarewave and not a nice sinewave. You can determine this on a scope.

Next is to determine the offending frequency. If it's a squarewave output then you have a broad range of frequencies to contend with and this will cause much trouble in building a filter. Not impossible but a pain in the you know where! A square wave will be full of harmonics at appreciable levels.

Is the noise throughout all bands or does it diminish in some and stronger in others?

Regards,
Robert
VE3RPF

----- Original Message -----

From: "TC Dufresne" <tdufres@radiks.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Sunday, February 18, 2001 4:12 PM
Subject: Opp'ing on EPS?

> Howdy. FINALLY got my emergency power supply up (EPS). Was wondering what
> people used to dampen some of the noise I am getting on my Drakes. Got
> that
> 60 cycle kinda buzz, about a "4" on my S meter. I am using a 600 watt
> inverter, with 4 6 volt batteries wired appropriately. (grin) Not exactly
> something I can put in the back of my truck, but it works! The whole thing
> is appropriately fused, and no real complaints, I guess I expected some
> hum.... Ideas?
> Tom
> KCOGXX
>

Date: Sun, 18 Feb 2001 16:31:30 -0500
From: "Alex Turner" <aturner13@triad.rr.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-

l@lehigh.edu>
Subject: [92015] Re: Fiberglass Enclosures?
Message-ID: <001101c099f2\$28af8220\$a4611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This seems to be a good idea to build your own enclosures. I used to reinforce my RC airplane wings in the center by covering with light fiberglass cloth then resin. The weight of the cloth was very light, but made a very strong wing. The wing was usually balsa or foam, but after being covered it was very strong. That was the only remaining piece of many of my planes; that and the engine, hi.

Alex - N4BYJ

----- Original Message -----
From: Steven Weber <kd1jv@moose.ncia.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, February 18, 2001 10:37 AM
Subject: Re: Fiberglass Enclosures?

Date: Sun, 18 Feb 2001 15:29:39 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: QRP-L list <qrp-l@lehigh.edu>
Subject: [92016] MFJ 9020 Schematics?
Message-ID: <3A903EC3.5638A561@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Was it this list a request was made?
I goofed and deleted the msg.

Mike
Iowa

Date: Sun, 18 Feb 2001 16:34:11 -0500
From: "Steve Hanson" <ke1lg@qsilver.net>
To: <qrp-l@Lehigh.EDU>

Subject: [92017] Rig # 2-TT 580 Delta
Message-ID: <001501c099f2\$88ac4320\$5795e3d8@mint.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also have, and was thinking of putting on e-bay, but thought I would check here first:

Ten Tec 580 Delta, Warc bands, 4 filters, 2 SSB, 2 CW(500 hz narrowest)
Matching 252 PS
Matching 234 Speech Processor
TT 705 Desk Mike(new)-with cord to match 580
Used just abt all QRP-both ssb and cw
Manuals for radio, mike, 234 SP

Located Maine, was going to ask around 500.00, but will not break up-everything works FB together.

Steve in Maine
ke1lg@qsilver.net

Date: Sun, 18 Feb 2001 13:43:13 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [92018] Re: SSB @ 10.101MHz !?!
Message-ID: <20010218.144832.-477101.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

You will also hear them around 10.110, 10.120, 10.130, etc, and also in the 40 meter band around the first 10-15 Khz plus 7025, 7030, 7040. Been there for years, and when they are transporting the square grouper they have caught further south, (some not all) they don't really care where they operate. It really gets bad late in the nite when they either snort some of the cargo or a bottle of tequila and start their off-key unprintable serenading.

"Politicians are like nappies. Both should be

changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Feb 2001 15:48:39 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'mmfancher@earthlink.net'" <mmfancher@earthlink.net>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [92019] RE: Contest Question
Message-ID: <01C099C2.43AB9F80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sure you can! I've worked just eight or ten in today's contest while taking a break from my latest project. You just have to look up what the contest exchange is (or listen to a few QSOs to figure out what it is).

Of course in some contests, you may not be a legit QSO for some stations, so you should typically work stations that can count you as part of their score. For example, in a 'test where US stations work only DX and vice versa, you wouldn't want to bother calling the US stations in the contest (assuming you are in the US).

Overall, you add something to the contest by getting on and working a few, especially in the last day when everyone is looking for someone they haven't already worked.

72--Nick, WA5BDU

-----Original Message-----

From: Mark Fancher [SMTP:mmfancher@earthlink.net]
Sent: Sunday, February 18, 2001 3:12 PM
To: Low Power Amateur Radio Discussion
Subject: Contest Question

<< File: ATT00001.txt; charset = Windows-1252 >>

Date: Sun, 18 Feb 2001 17:15:55 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <mmfancher@earthlink.net>
Subject: [92020] Re: Contest Question
Message-ID: <001f01c099f8\$5f2b8280\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

One point Dave didn't make - you kind of need to understand the rules of the contest. In this contest, you don't want to contact W/VE stations (tho KH6/KL7 are OK). They get no points. However, the DX stations want you - and they are getting close to wanting you bad. By now the big guns are looking hard for stations they haven't worked yet. They are willing to work pretty hard to get your state.

I would suggest at this point concentrate on the strong stations. Turn your RF gain way down and go after the loud ones. Chances are, they are the most likely to have run out of other stations to talk to, and they probably also have great antennas. If you hear a loud station sending 5NN ATT or 5NN NN it's a slam dunk. Although at this point in the contest, even the weak stations sending 5NN KW are willing to work hard to dig you out.

Go git 'em

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Mark Fancher" <mmfancher@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 18, 2001 4:11 PM
Subject: Contest Question

> I've never participated in a contest, so I was wondering if someone who
has
> could answer a question for me.
>
> With all the contest activity going on 40m, if you are not participating
in
> the contest, can you still contact the contesters? I'm wondering if it

> simply slows them down to contact a non-participant.
>
> Seems like if I wanted to work some stations over a short period of time,
> this would be the opportunity . . .
>
> Thanks!
>
> Mark Fancher, W09G
> mmfancher@earthlink.net
>

Date: Sun, 18 Feb 2001 17:26:39 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: nkennedy@tcainternet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [92021] Re: HB: Antenna Switch
Message-ID: <3A904C1F.F92EA80D@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Nick,

Of course you're right. But the question asked was why were there no commercial switches, and that's the reason! Except for a few 300 ohm twinlead switches manufacturers would have ben nit picked to death by people who inhabit lists like these!

73

Date: Sun, 18 Feb 2001 16:52:03 -0600
From: "James Parsons" <res075cz@gte.net>
To: <qrp-l@lehigh.edu>
Subject: [92022] Power meter
Message-ID: <012a01c099fd\$6963d5e0\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have bought a QRP power meter. Thanks to all who responded.

Date: Sun, 18 Feb 2001 18:24:51 -0500
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [92023] Newbie PSK-31 Question
Message-ID: <20010218.182452.-351917.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am about a week from (finally) getting a PSK-31 interface together, and after browsing a number of pages dedicated to such, I am wondering why the emphasis on the serial port PTT setup.

I will be running a Kenwood TS-140S and would think that the VOX should key with the tones just fine. Is there something I am missing in the equation? Anybody been down that road and have comments pro or con?

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President, Brockport Amateur Radio Klub & Tech Coordinator, ARRL WNY
Section

My night light runs more power than my Rig!!!

Replies - <mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 18 Feb 2001 17:30:02 -0600
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Ten Tec mailing list <tentec@contesting.com>
Subject: [92024] 245 filter for Triton - Sold
Message-ID: <3A905AFA.1865978F@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The Triton 245 filter is sold.

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX

Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

End of QRP-L Digest 2102
